## Year 5

## Area and Perimeter

## Name

$\qquad$
(1) The shape is drawn on a centimetre square grid.


What is the area of the shape?
What is the perimeter of the shape?
(2) Sally says,

$$
\mathrm{cm}^{2}
$$

Estimate, in squares, the area of the shape.



Find the length of the missing side.

Complete the missing lengths.

Work out the perimeter of the shape.
(5) The perimeter of the shape is 60 m .


Explain why Sally is wrong.
6 cm
(3)
(4)

U
(6)

Draw a rectangle which has an area of 12 squares and a perimeter of 16 squares.

(7) The square and the regular hexagon have the same perimeter.


Work out the length of one side of the square.

8 The shape is made up of three identical rectangles.


Work out the area of the shape.
(9) Ian wants to paint a wall measuring 3 metres by 7 metres.

Each tin of paint covers $5 \mathrm{~m}^{2}$.
How many tins of paint will Ian need?
(10) An equilateral triangle has a perimeter of 21 cm .


John uses 5 of these triangles to make this shape.


What is the perimeter of the new shape he has made?
$\qquad$
Circle how confident you feel with area \& perimeter.

| Not <br> Nonfident | 2 | 3 | 4 | Very <br> confident |
| :---: | :---: | :---: | :---: | :---: |

confident

